

FIG. 1

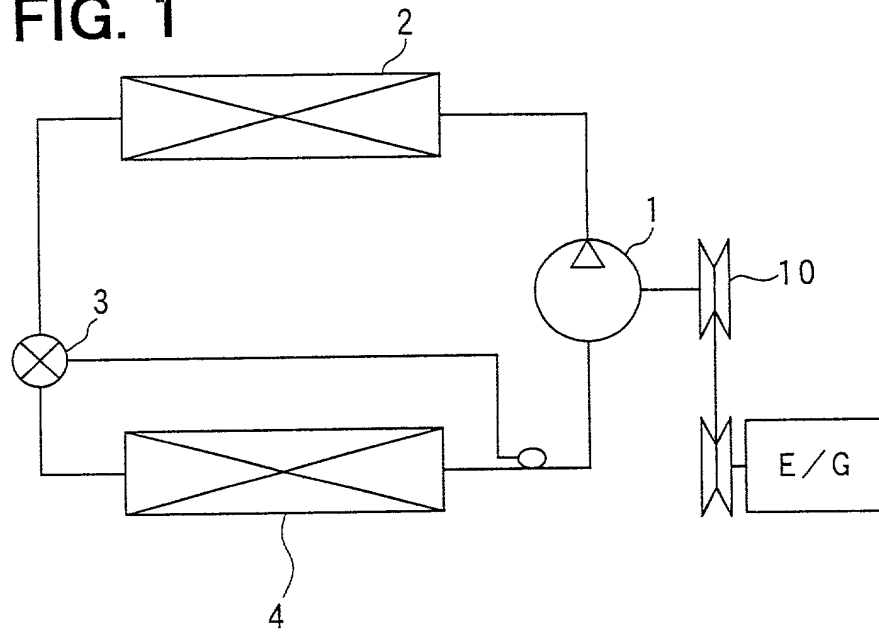


FIG. 2

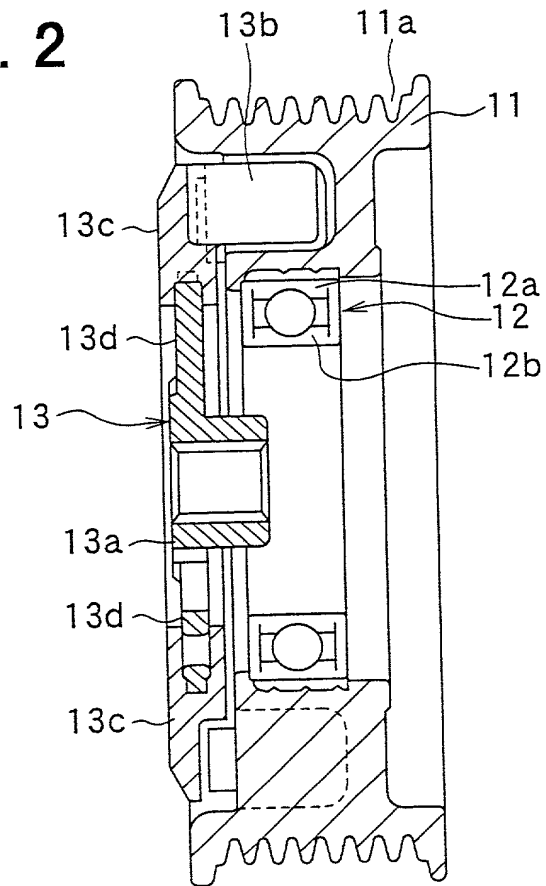
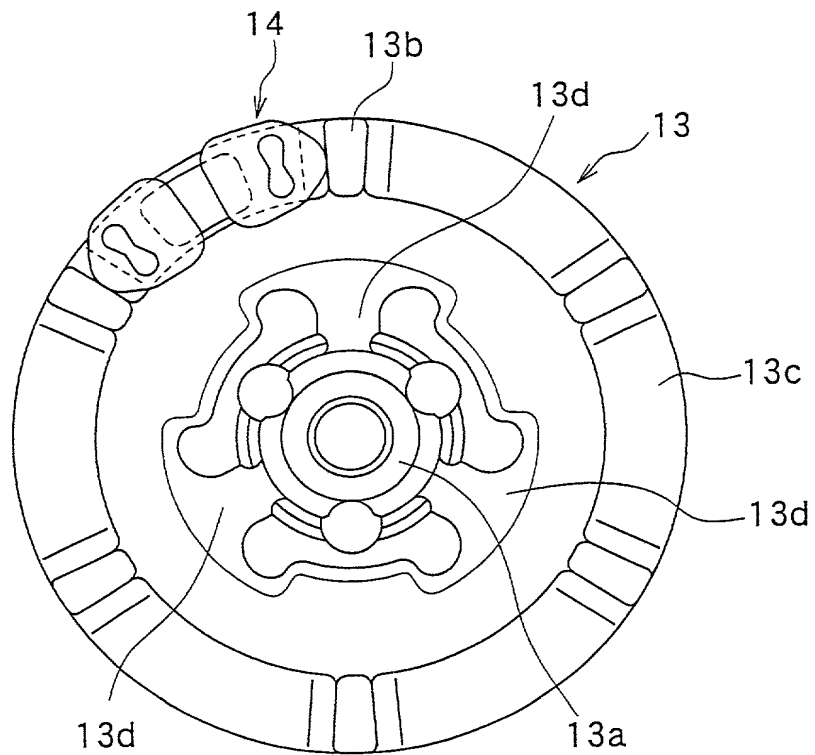


FIG. 3



Latitude	Longitude	Altitude	Temperature	Humidity	Wind	Clouds	Pressure	Visibility	Remarks
12° 15' N	77° 15' E	100	28.5	85	10	100	1010	10	Clear
12° 30' N	77° 30' E	150	27.5	80	15	100	1010	10	Clear
12° 45' N	77° 45' E	200	26.5	75	20	100	1010	10	Clear
13° 00' N	77° 00' E	250	25.5	70	25	100	1010	10	Clear
13° 15' N	77° 15' E	300	24.5	65	30	100	1010	10	Clear
13° 30' N	77° 30' E	350	23.5	60	35	100	1010	10	Clear
13° 45' N	77° 45' E	400	22.5	55	40	100	1010	10	Clear
14° 00' N	77° 00' E	450	21.5	50	45	100	1010	10	Clear
14° 15' N	77° 15' E	500	20.5	45	50	100	1010	10	Clear
14° 30' N	77° 30' E	550	19.5	40	55	100	1010	10	Clear
14° 45' N	77° 45' E	600	18.5	35	60	100	1010	10	Clear
15° 00' N	77° 00' E	650	17.5	30	65	100	1010	10	Clear
15° 15' N	77° 15' E	700	16.5	25	70	100	1010	10	Clear
15° 30' N	77° 30' E	750	15.5	20	75	100	1010	10	Clear
15° 45' N	77° 45' E	800	14.5	15	80	100	1010	10	Clear
16° 00' N	77° 00' E	850	13.5	10	85	100	1010	10	Clear
16° 15' N	77° 15' E	900	12.5	5	90	100	1010	10	Clear
16° 30' N	77° 30' E	950	11.5	0	95	100	1010	10	Clear
16° 45' N	77° 45' E	1000	10.5	0	100	100	1010	10	Clear

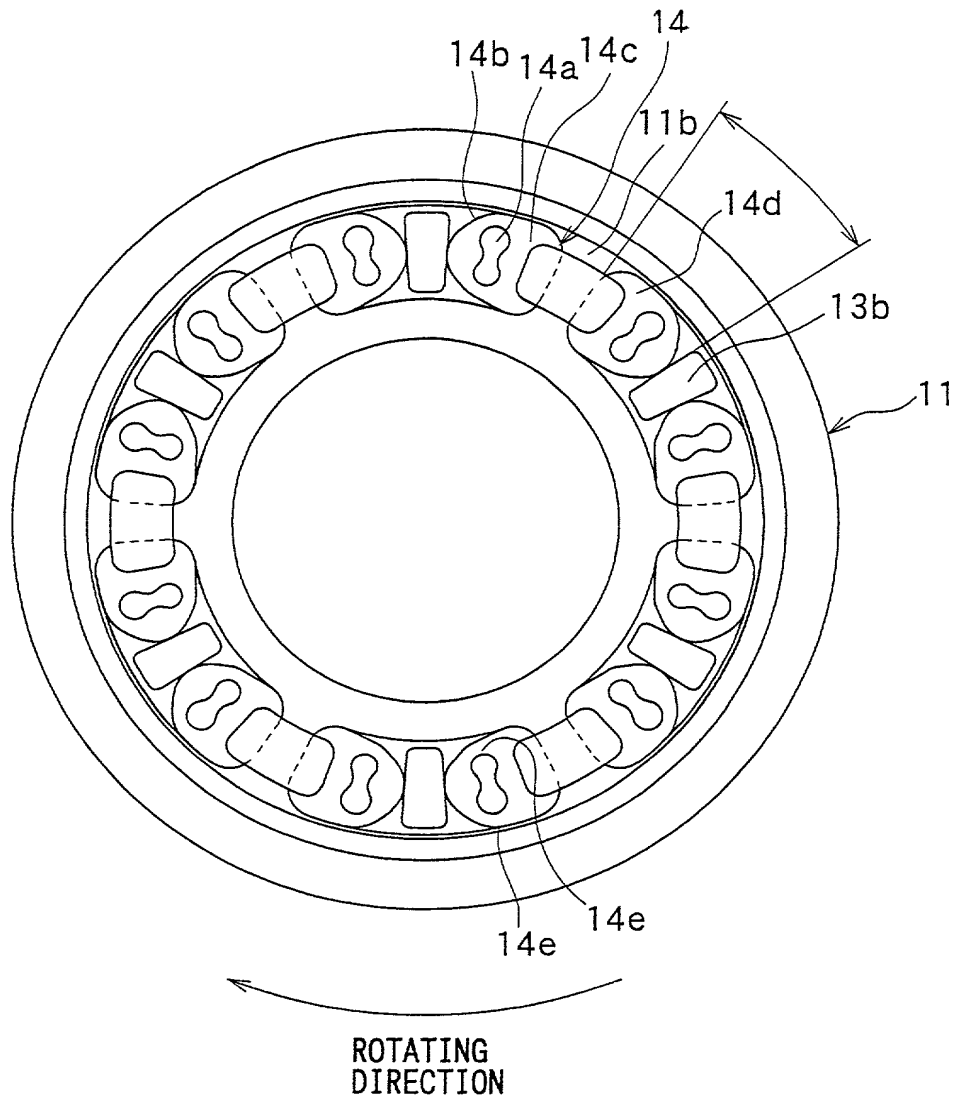


FIG. 5

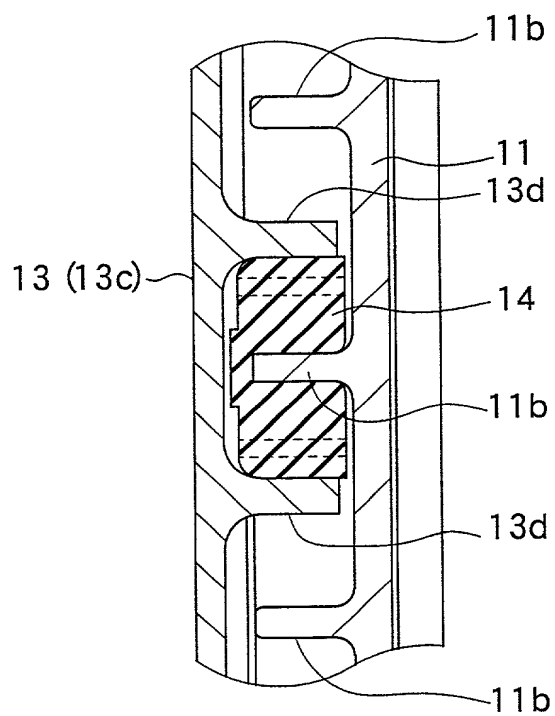


FIG. 6

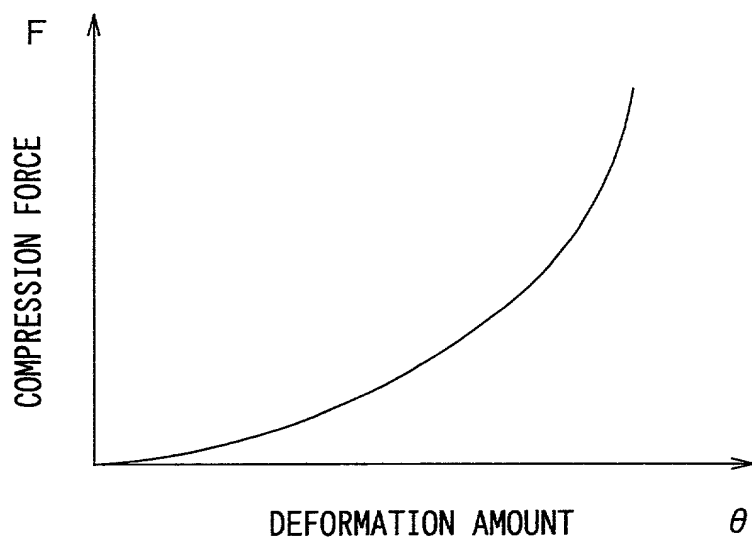


FIG. 7

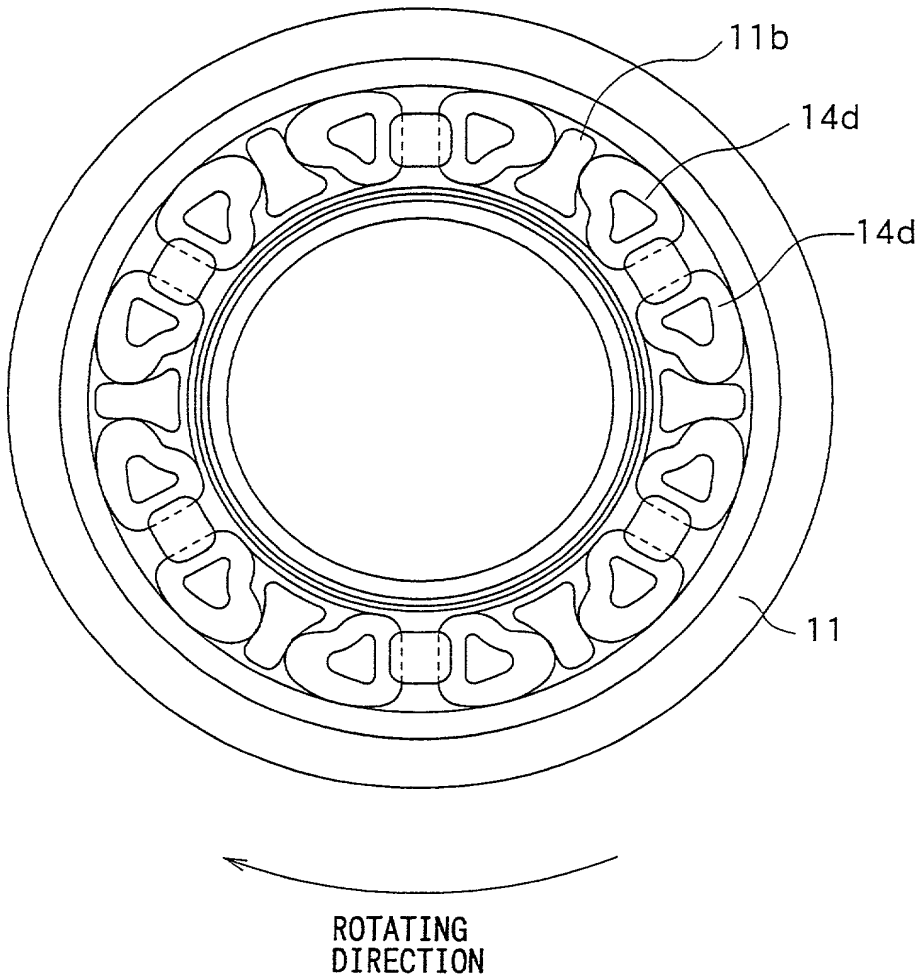


FIG. 8

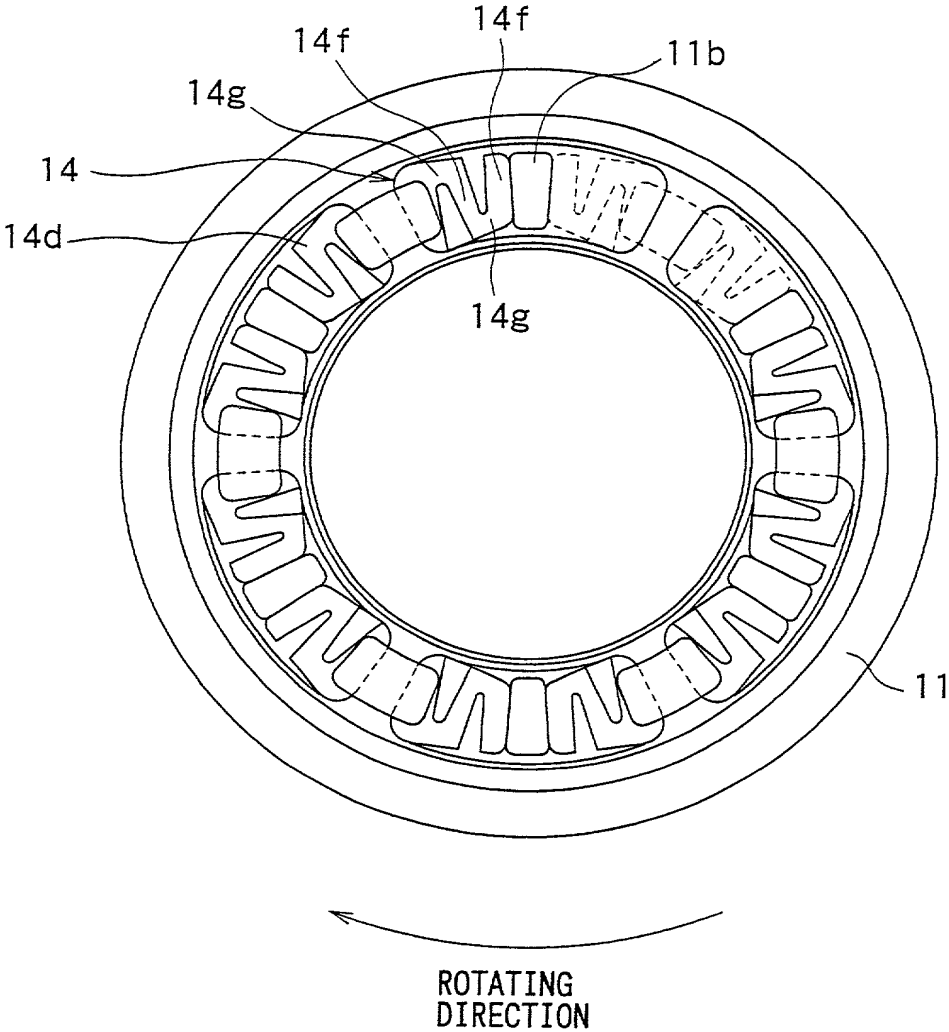


FIG. 9

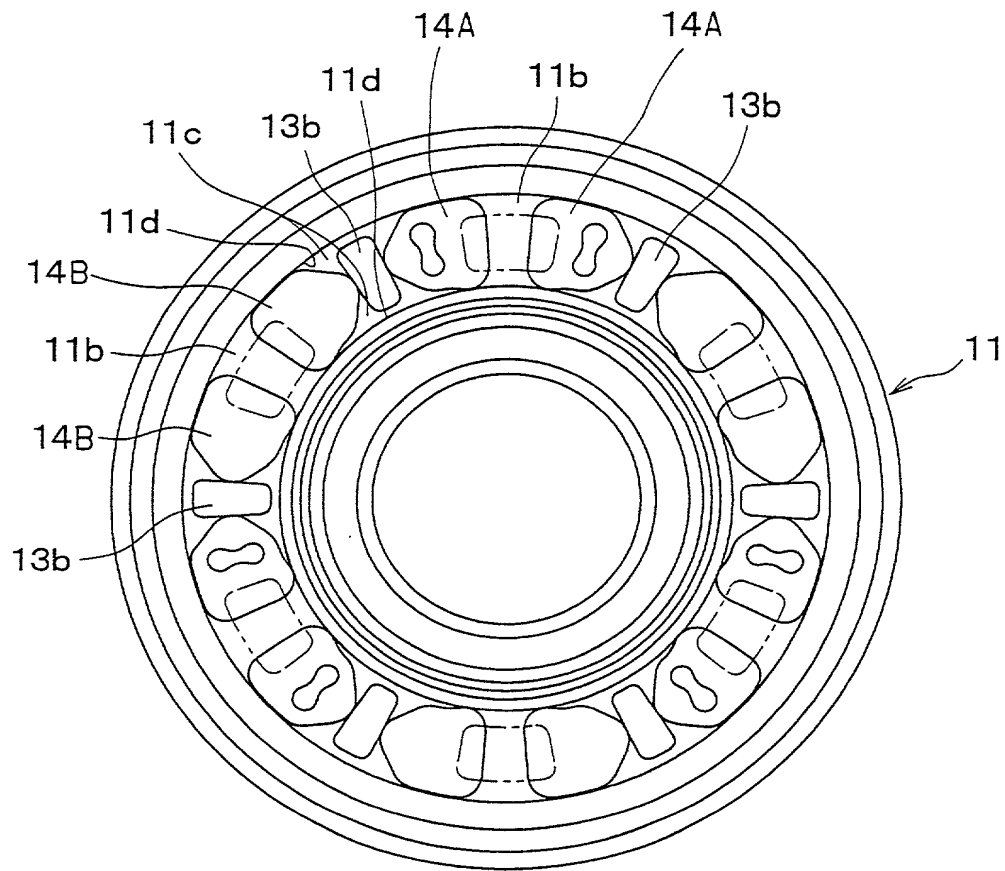


FIG. 10

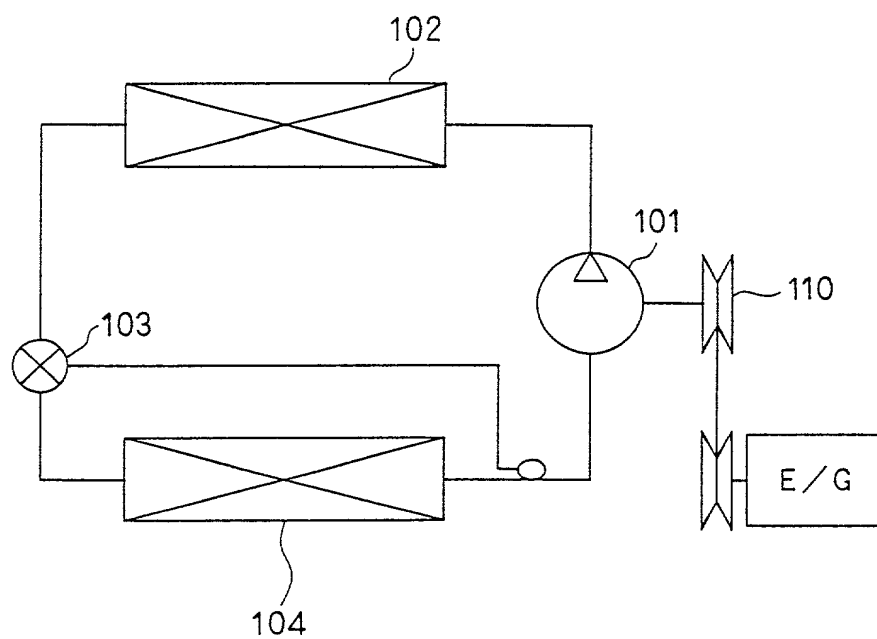


FIG. 15

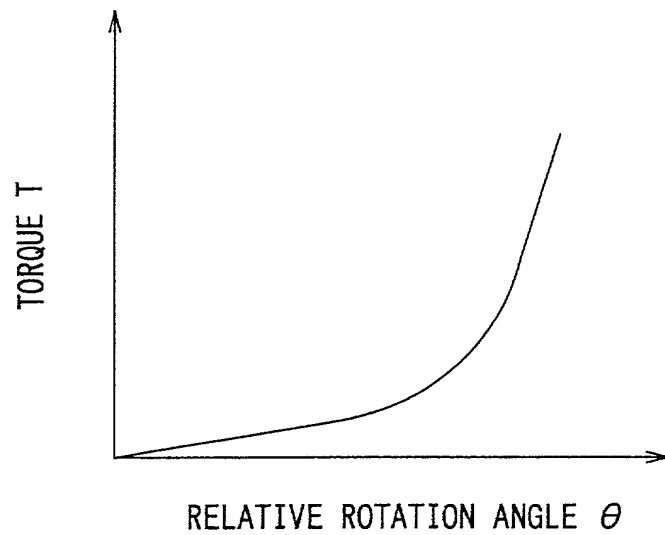


FIG. 11

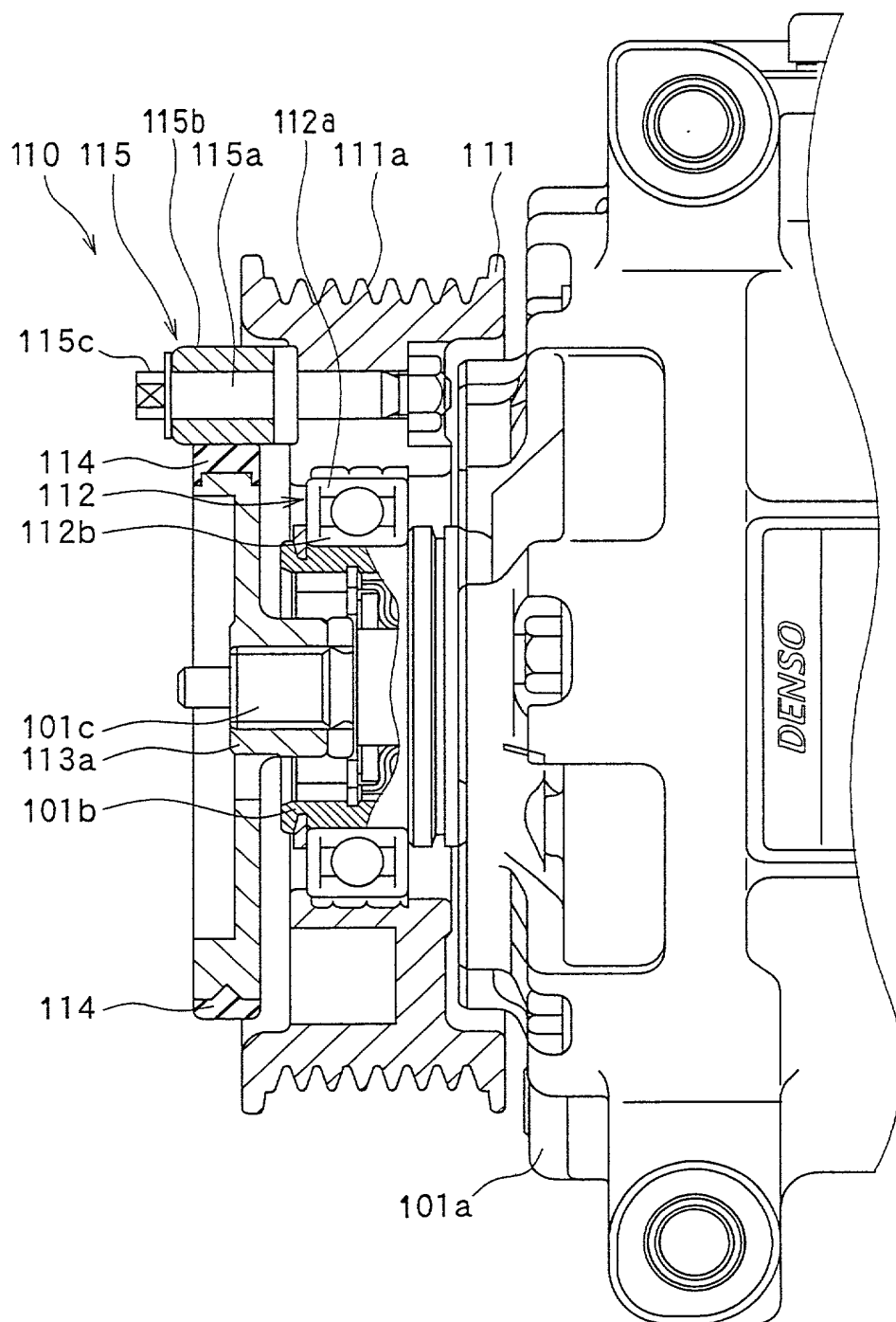


FIG. 12

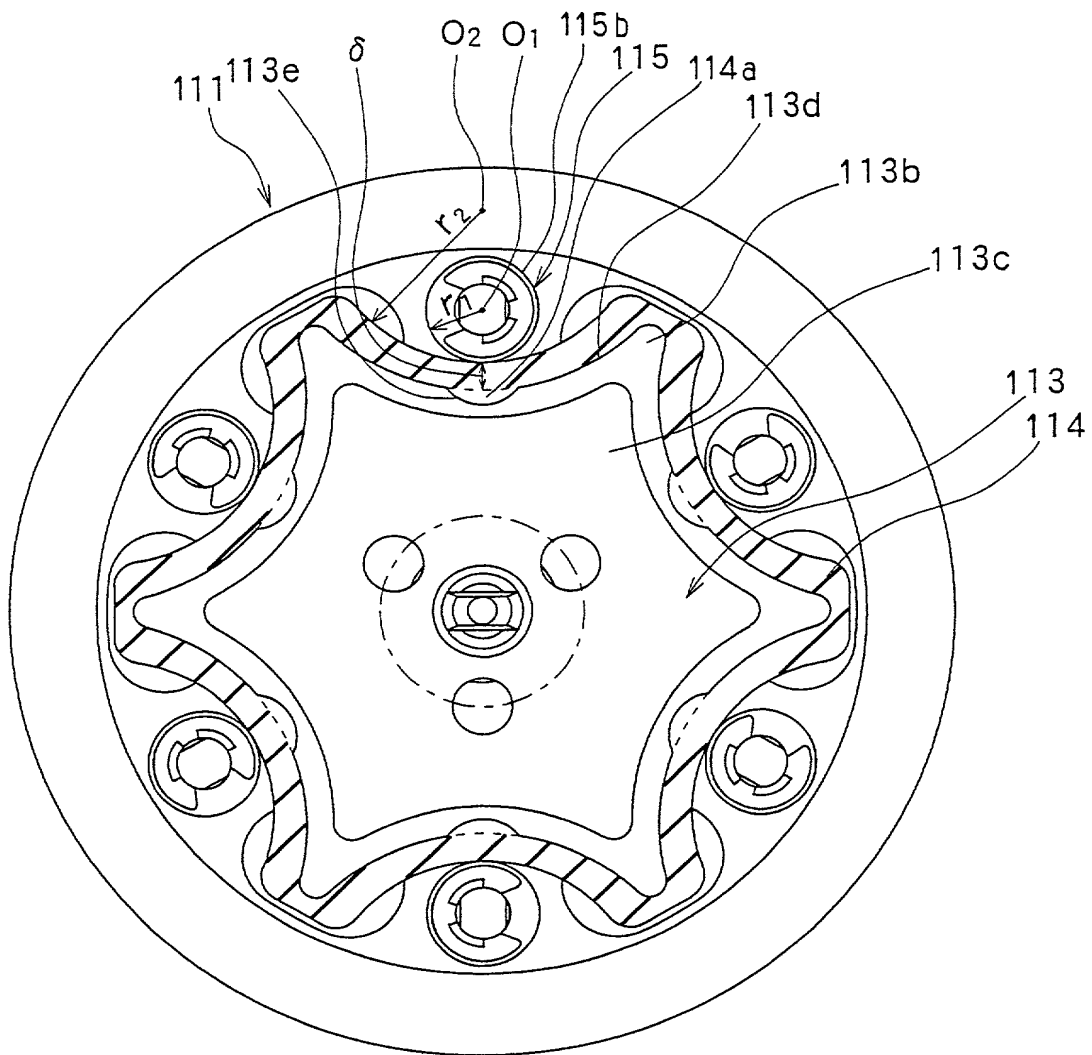
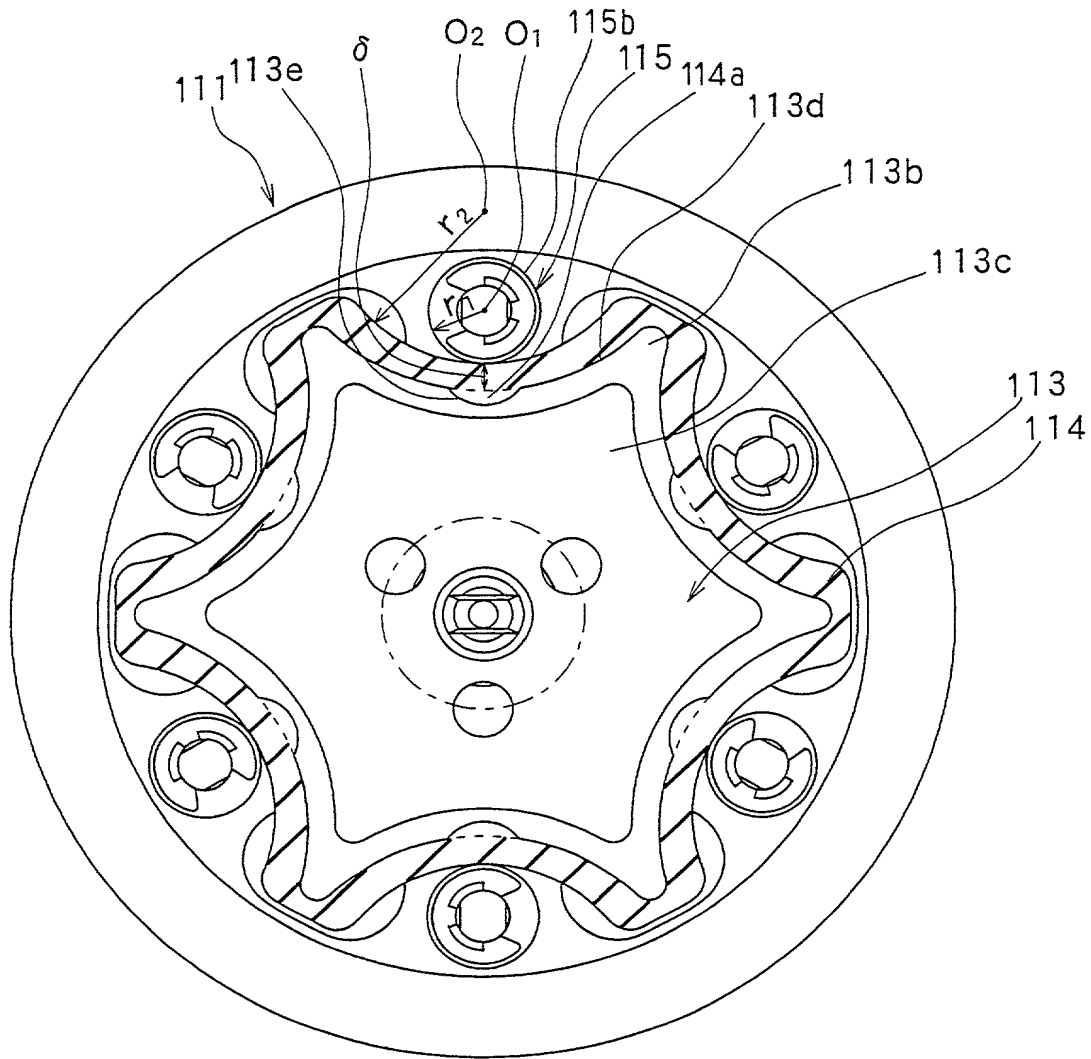


FIG. 13

$\theta = 0^\circ$



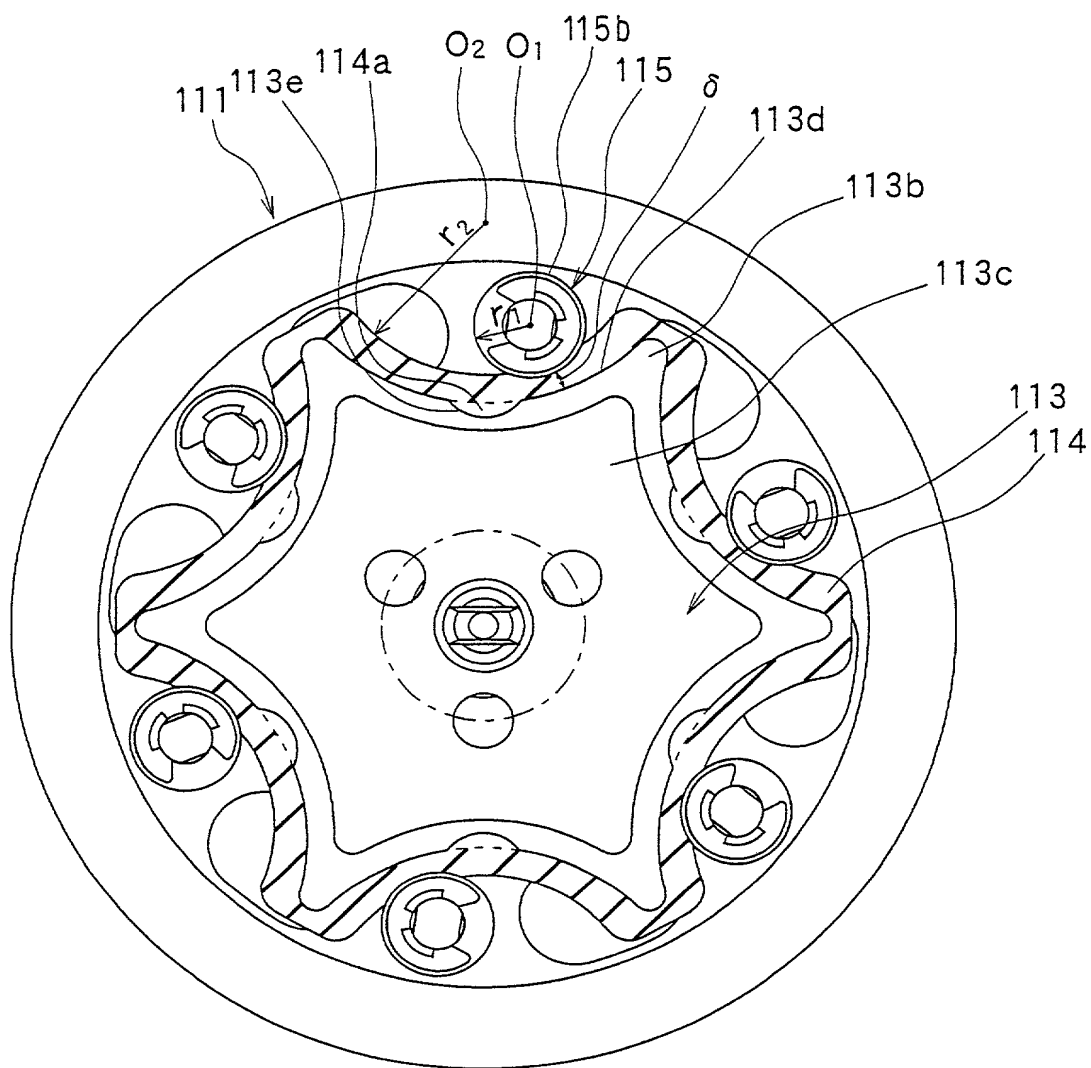
$$\theta = 8^\circ$$


FIG. 16

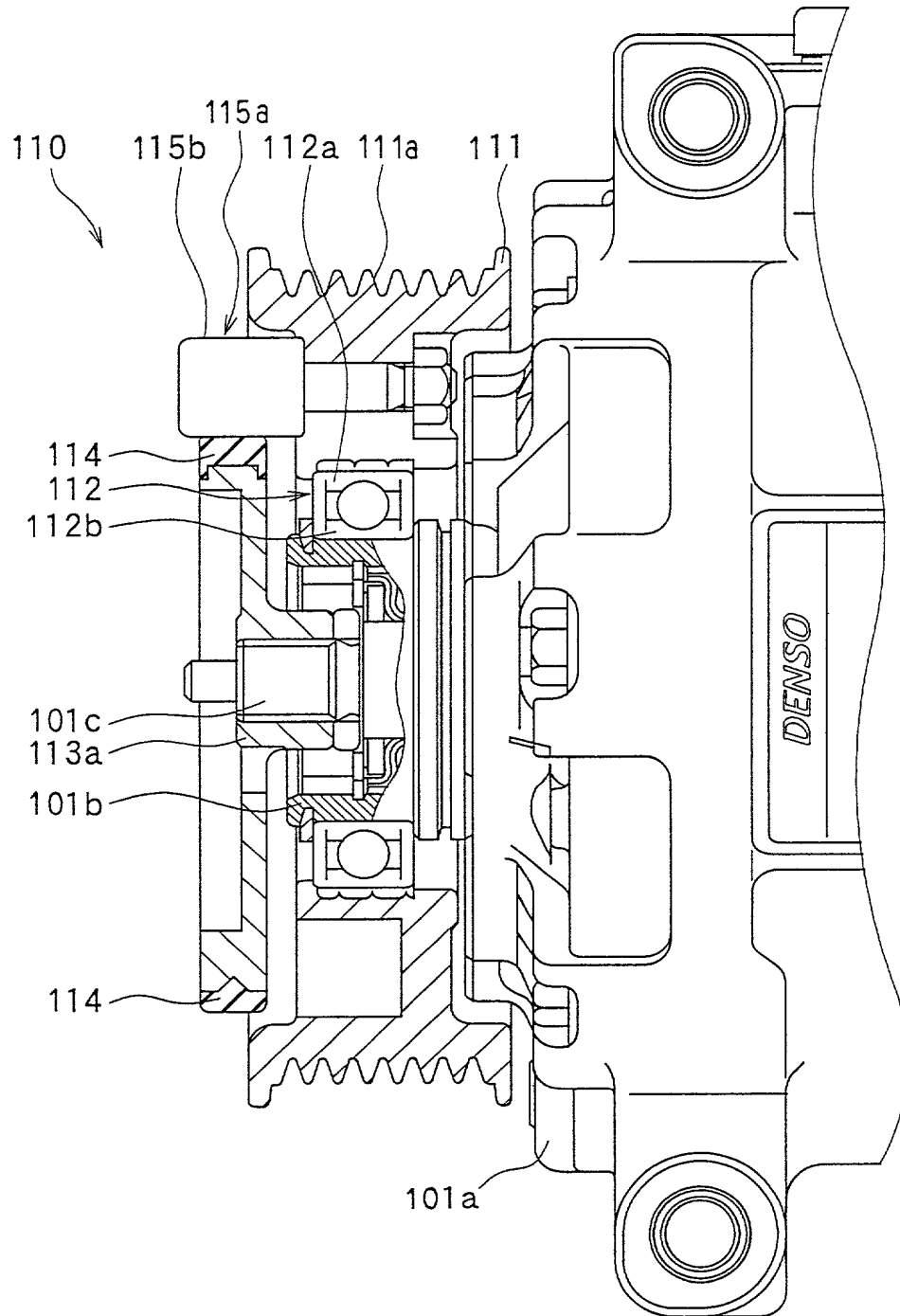


FIG. 17

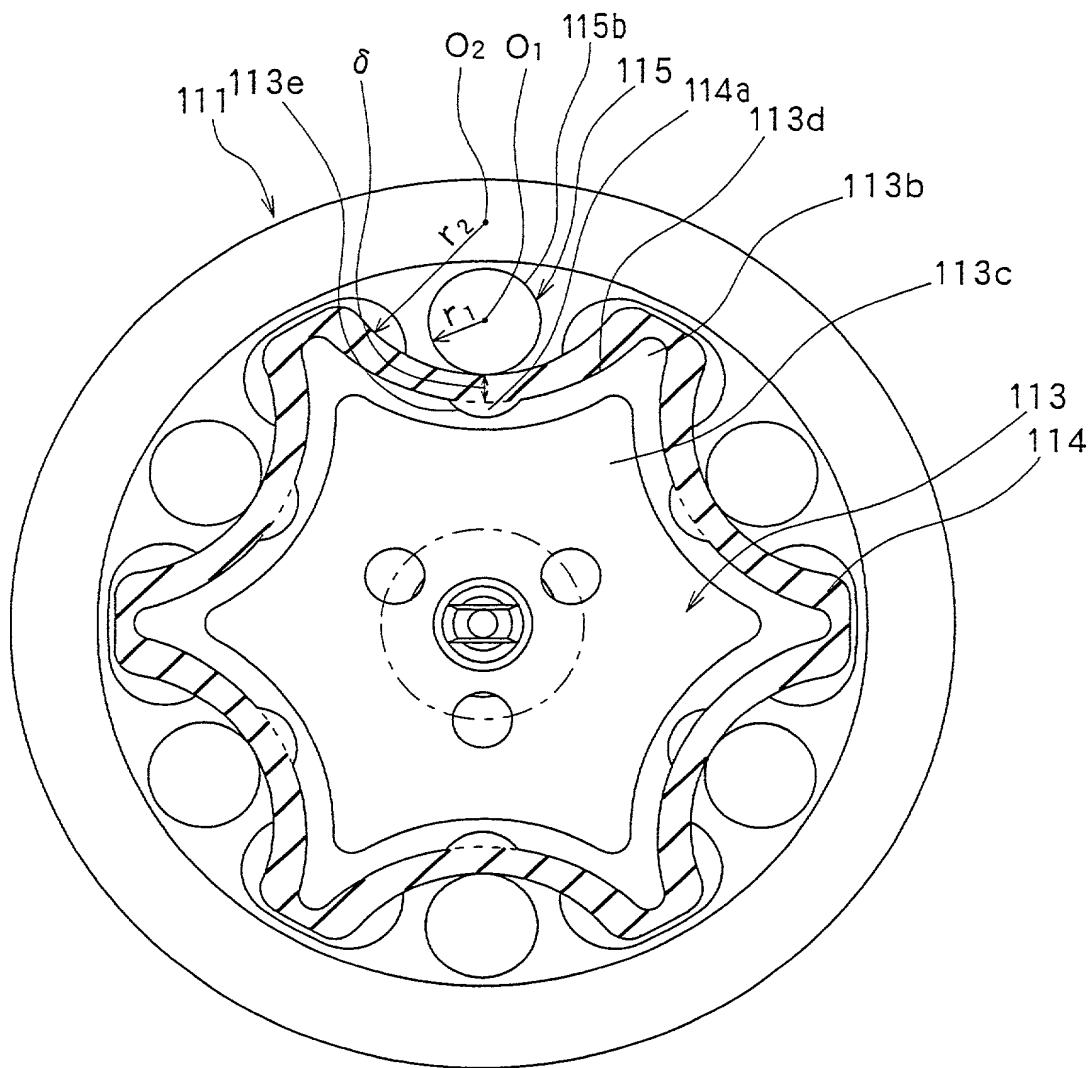


FIG. 18

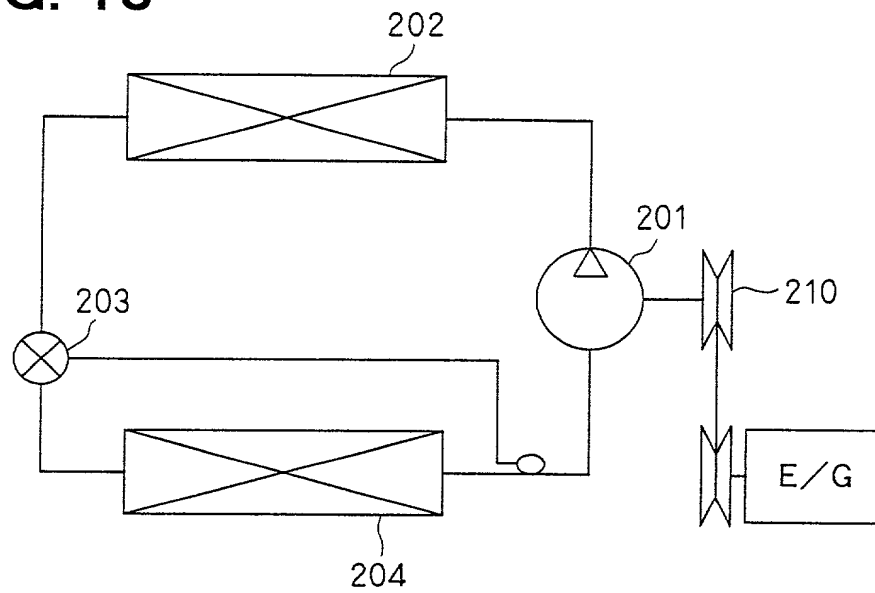


FIG. 19

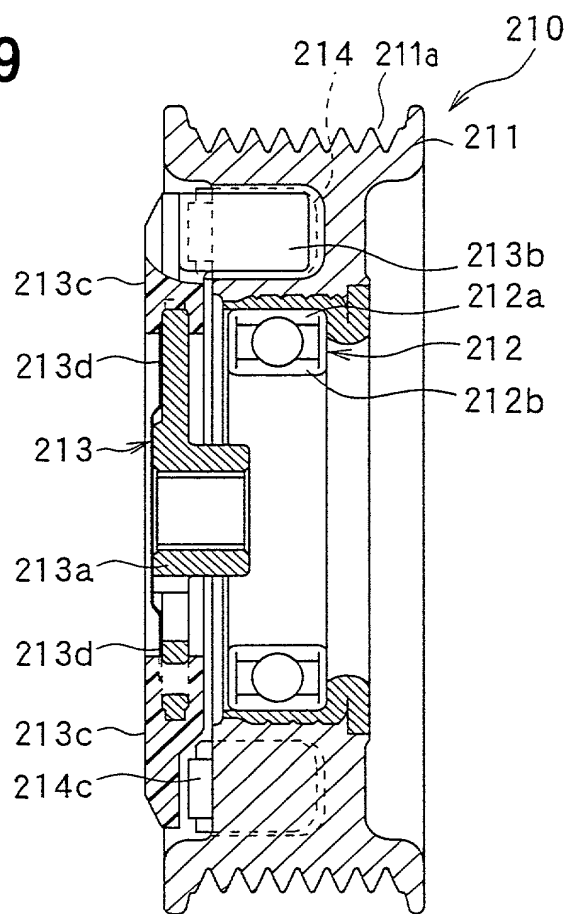


FIG. 20

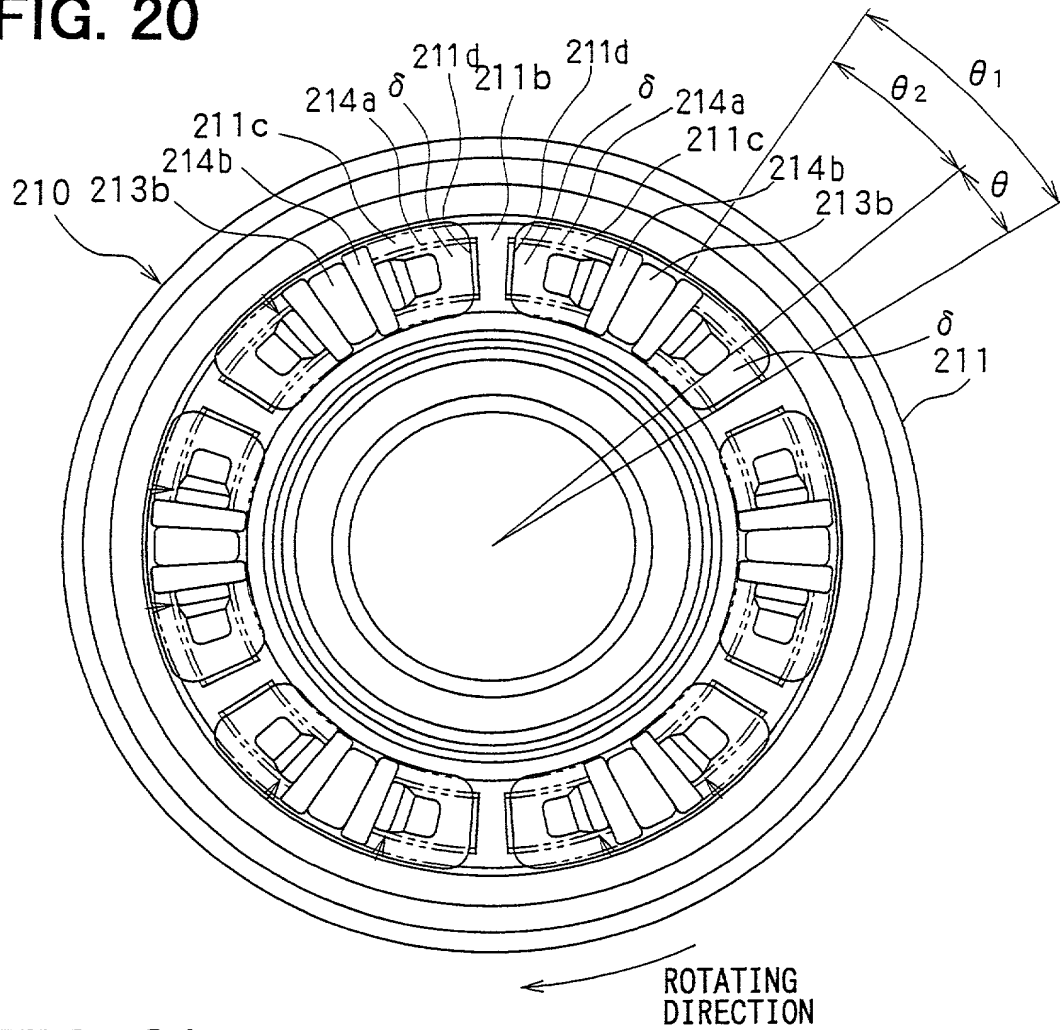


FIG. 21

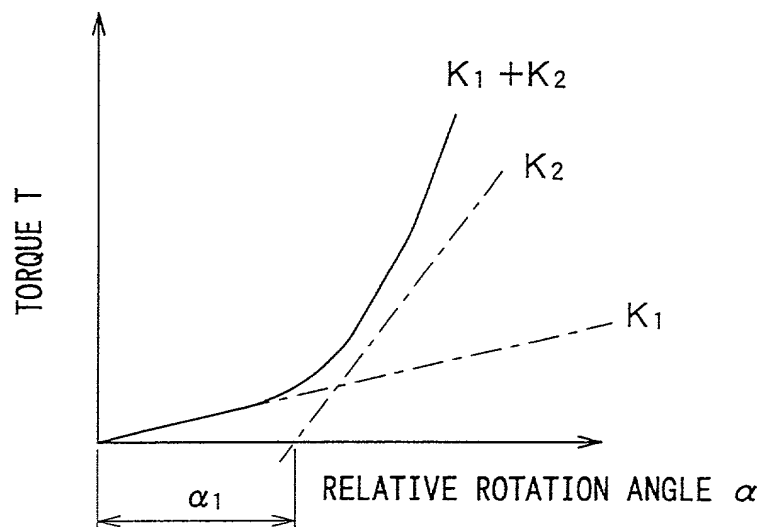


FIG. 22

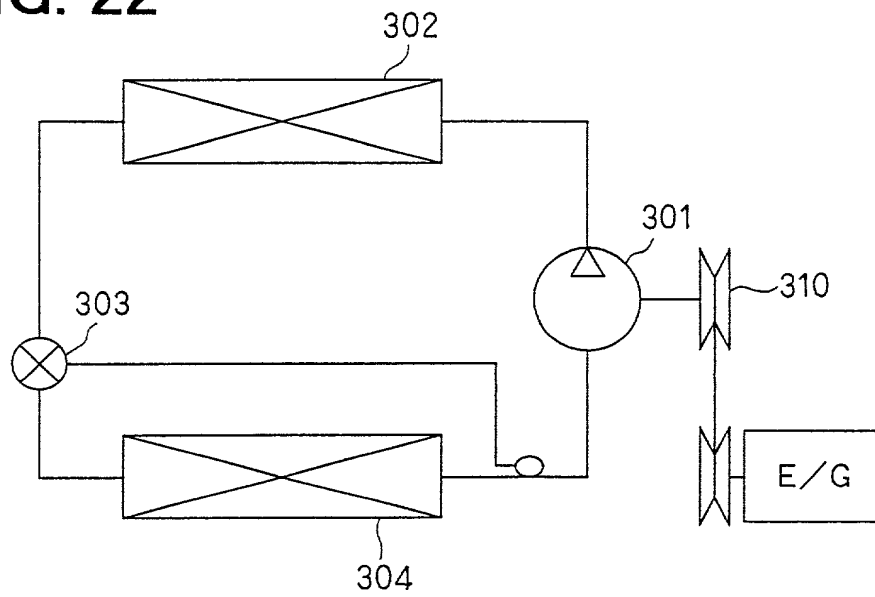


FIG. 23

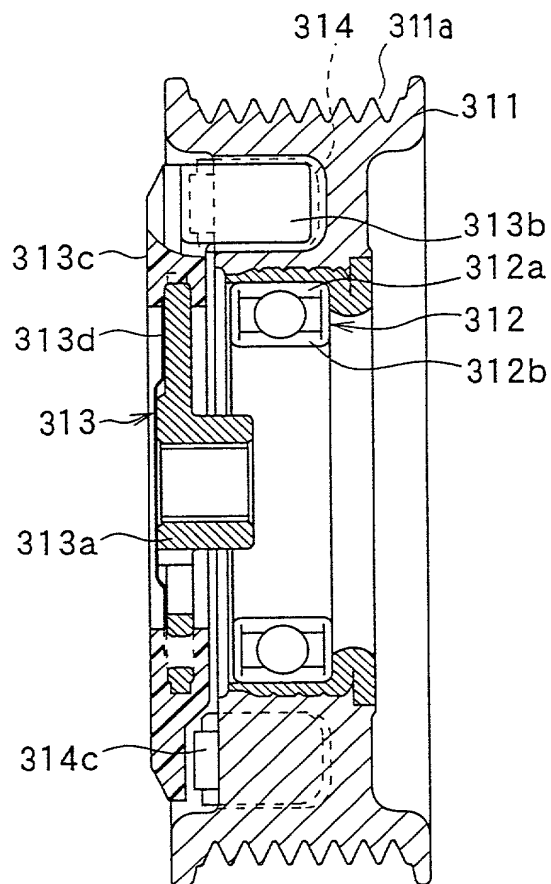


FIG. 24

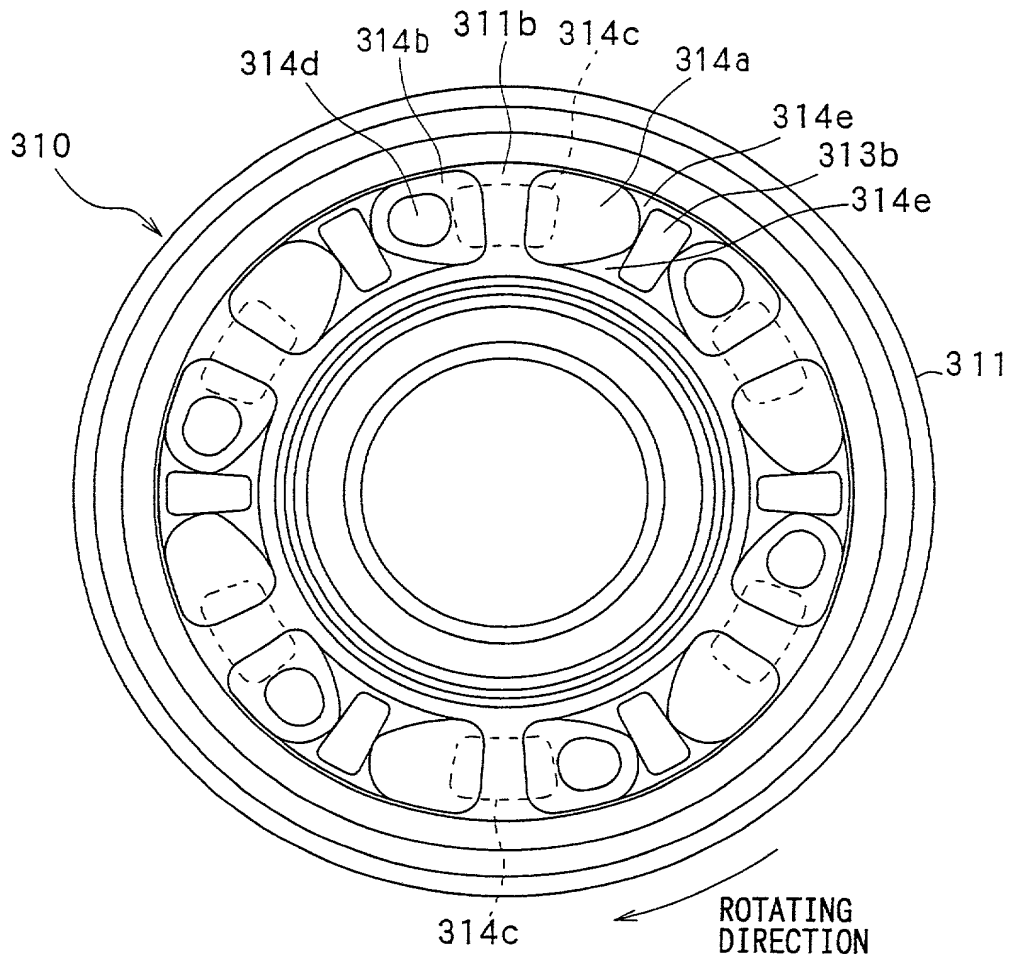
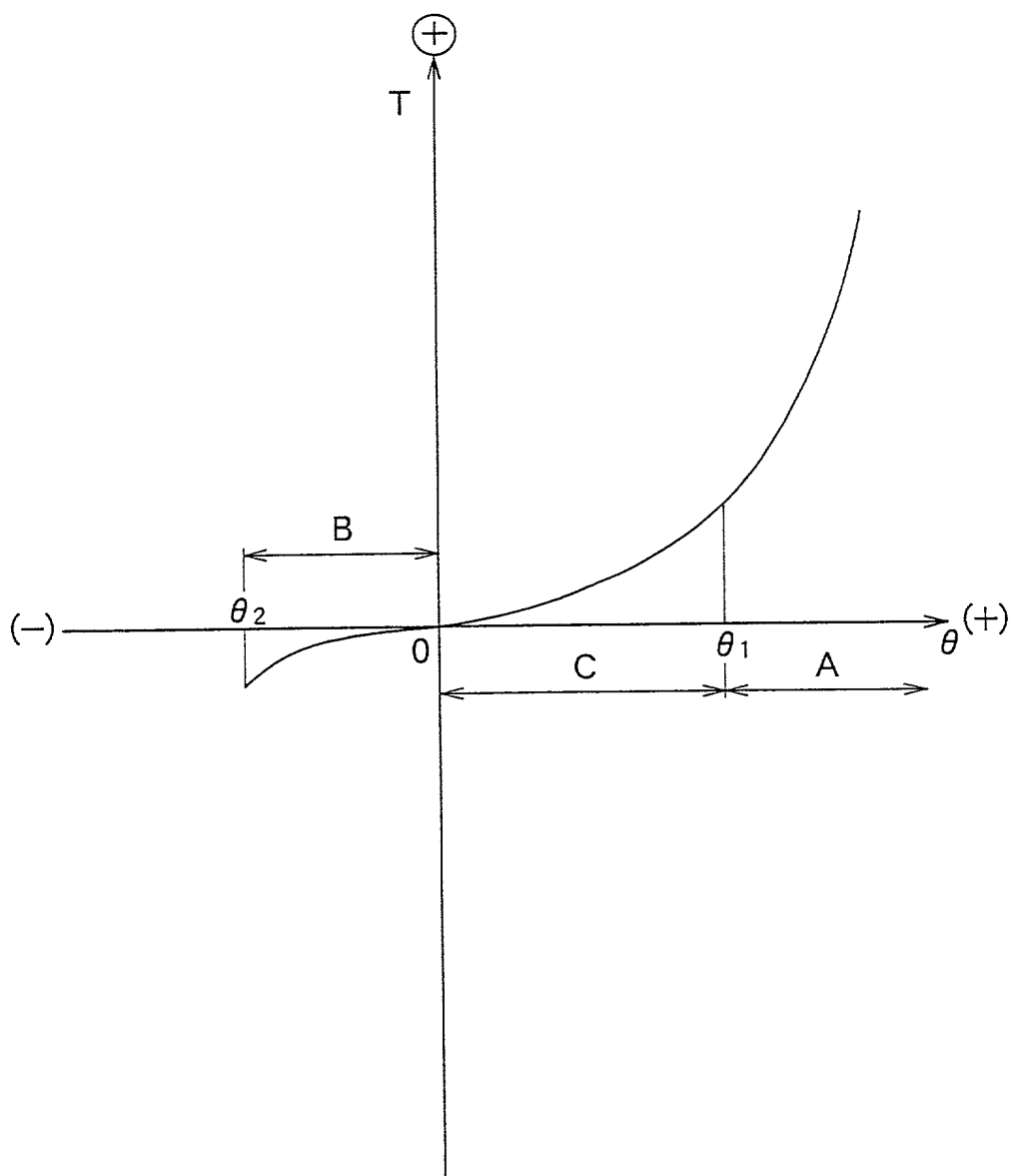


FIG. 25



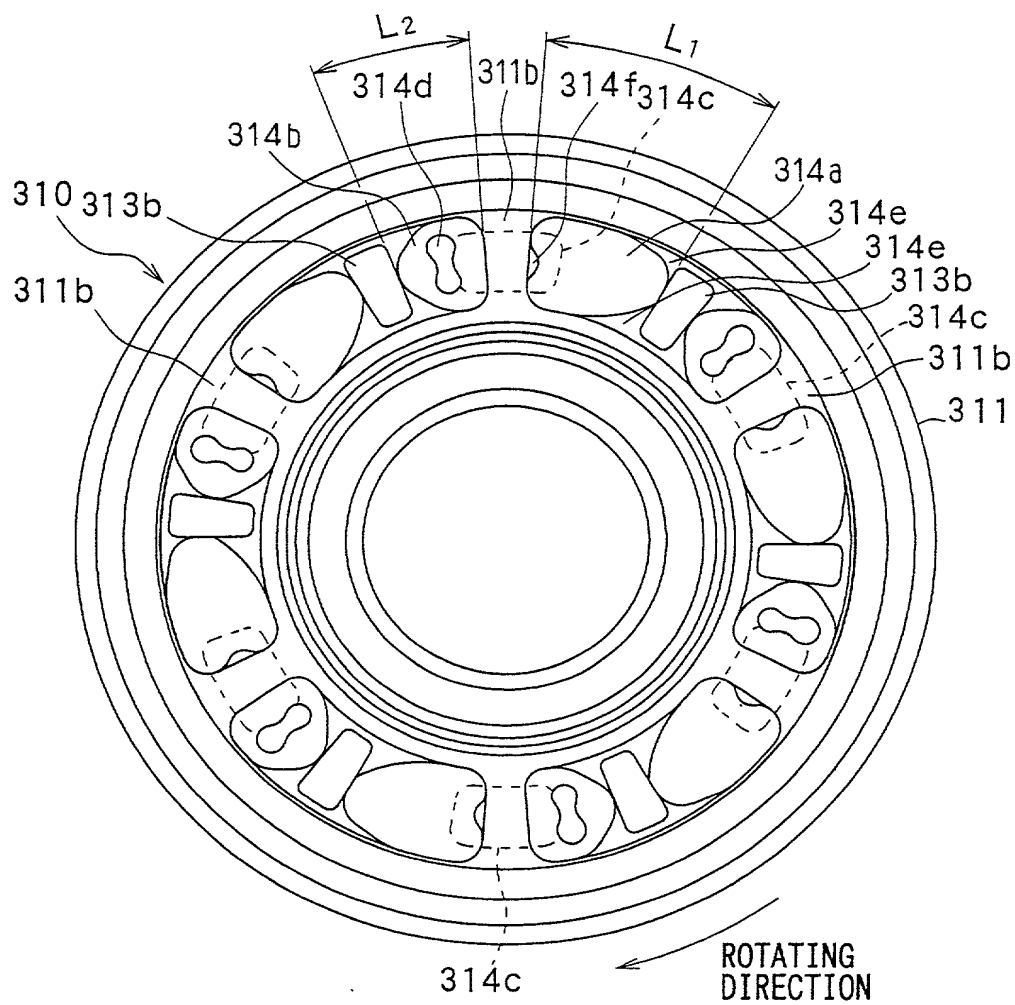
[illegible]

FIG. 28

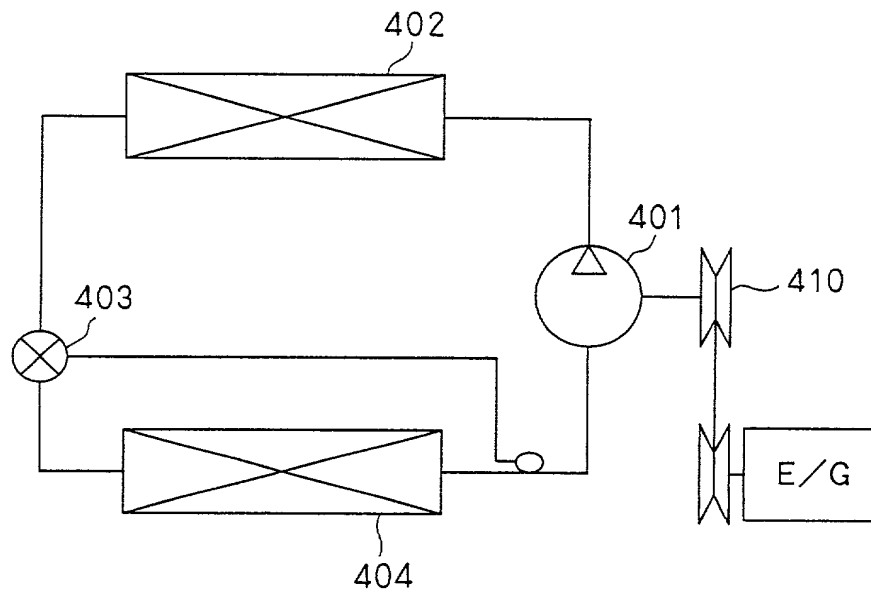


FIG. 29

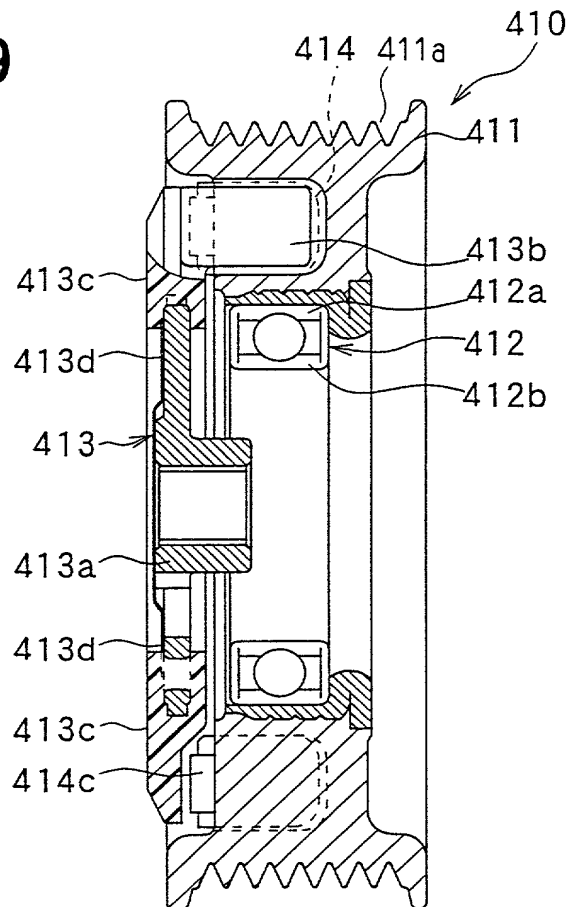


FIG. 30

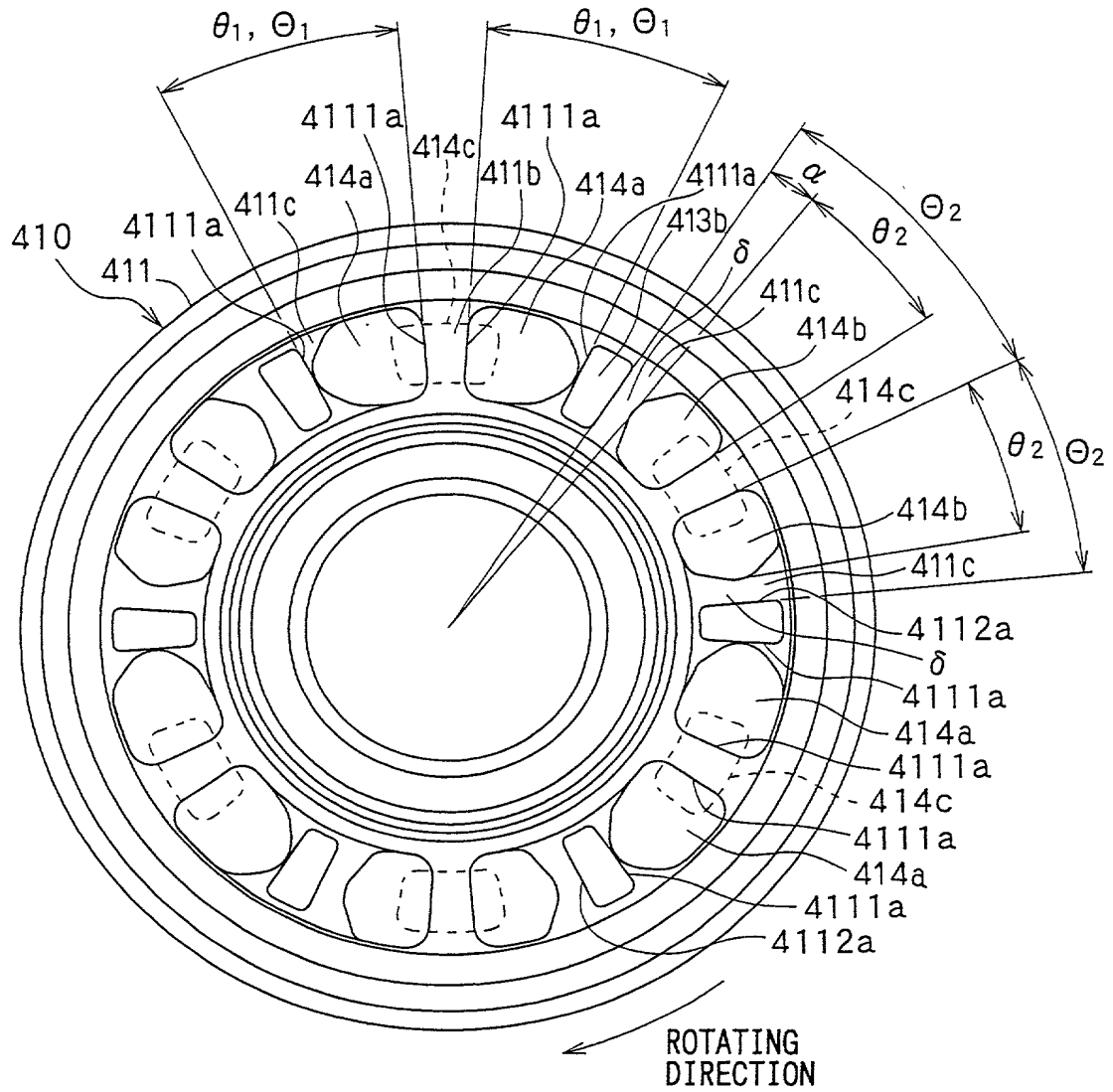


FIG. 31

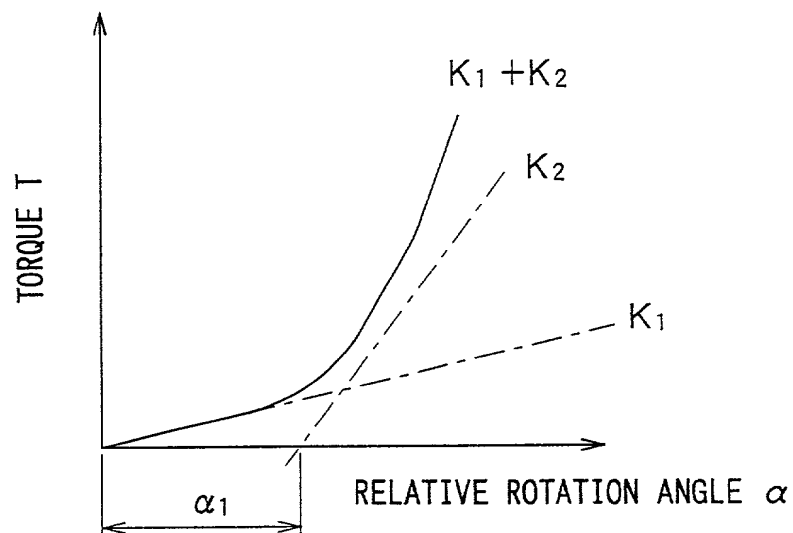


FIG. 32

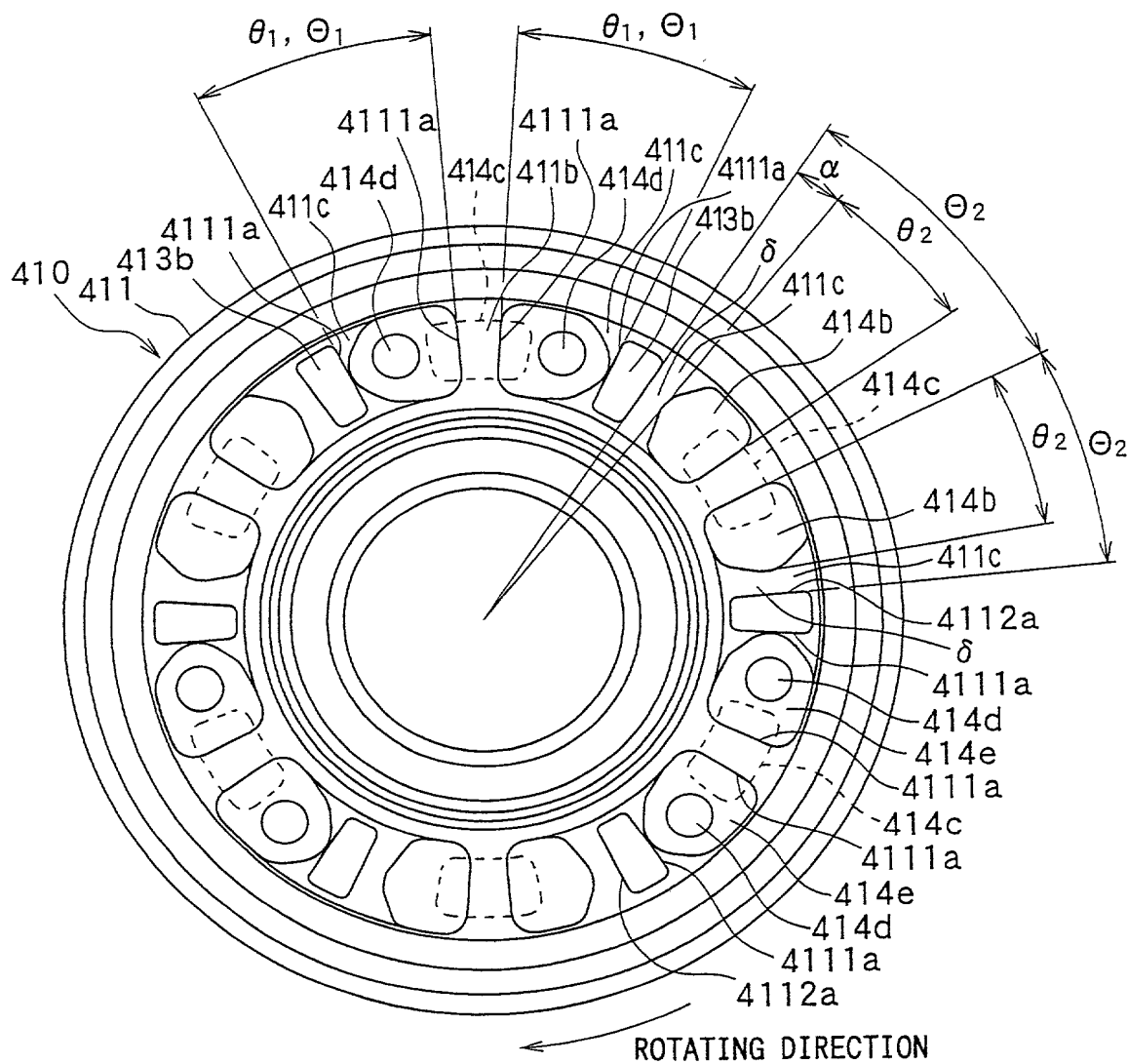


FIG. 33

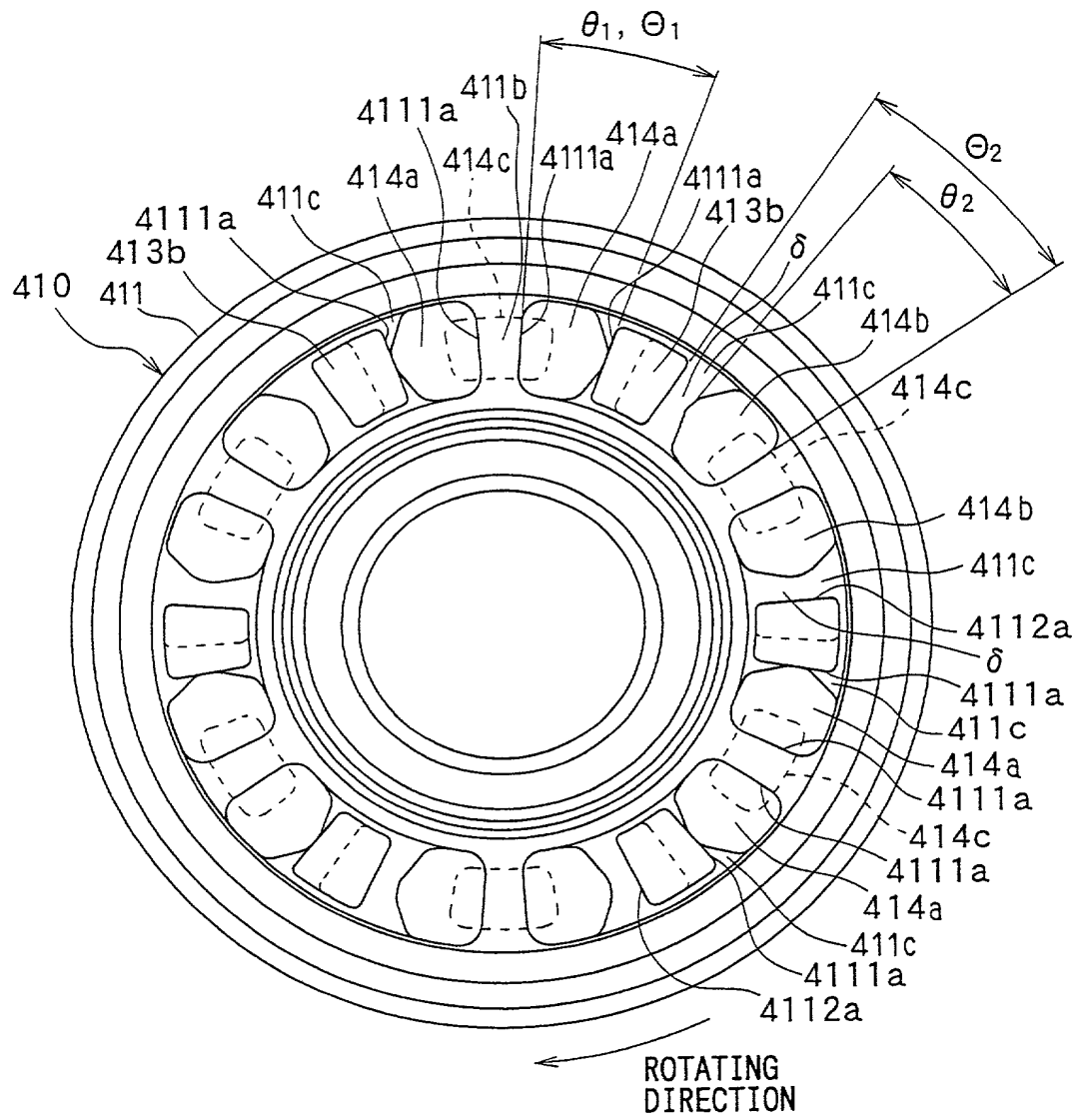


FIG. 34

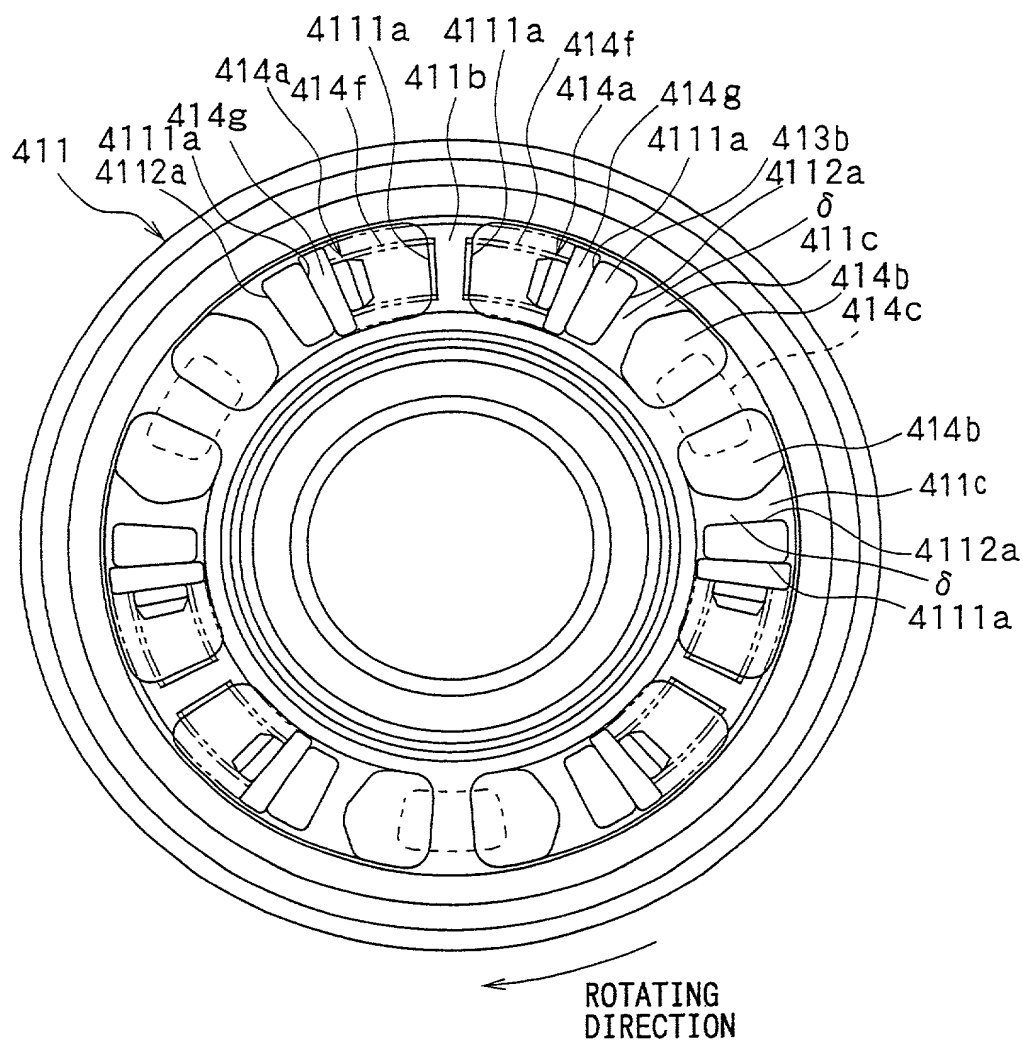


FIG. 35

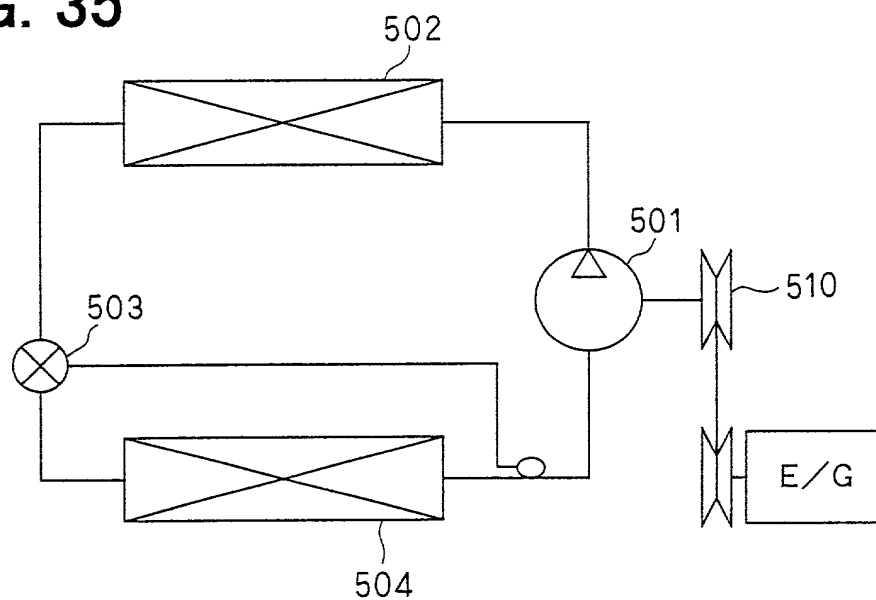


FIG. 36

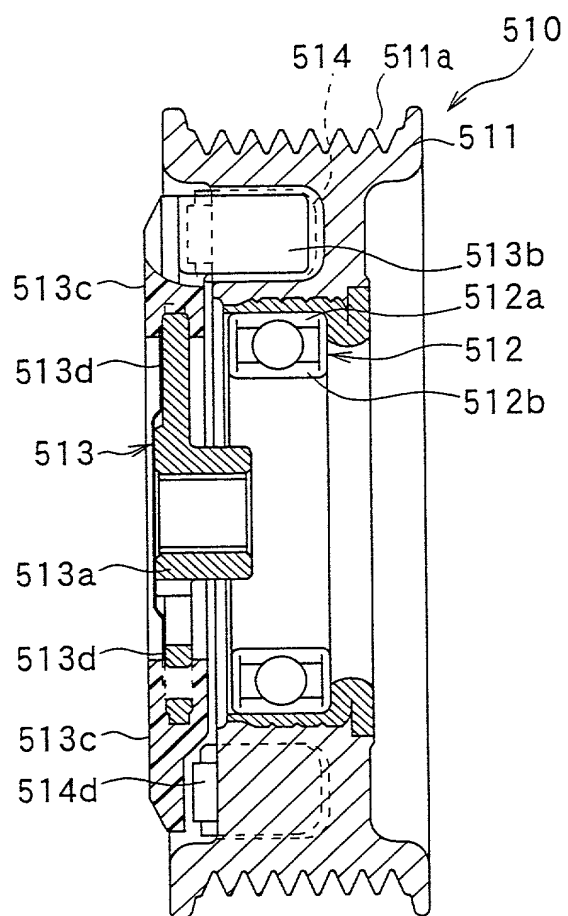


FIG. 37

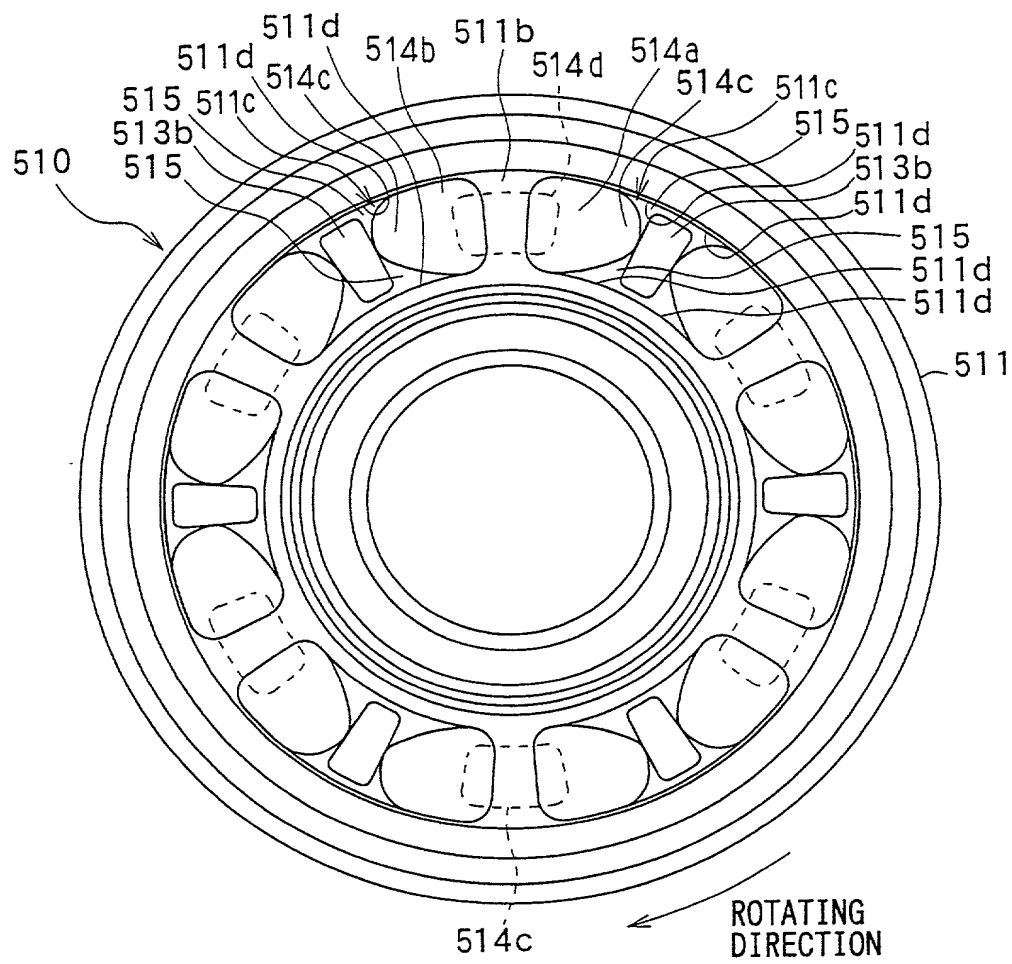


FIG. 38

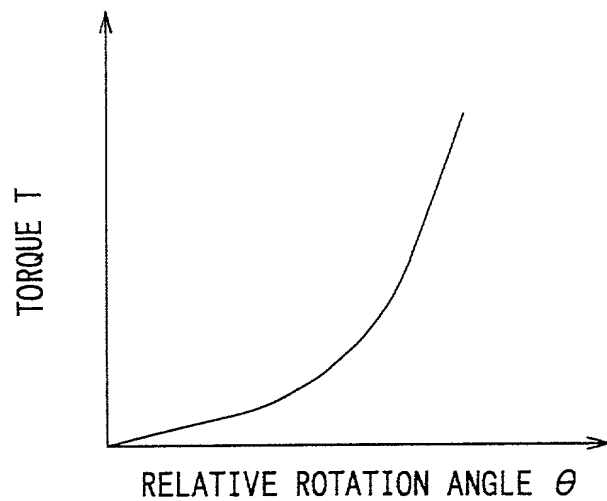


FIG. 39

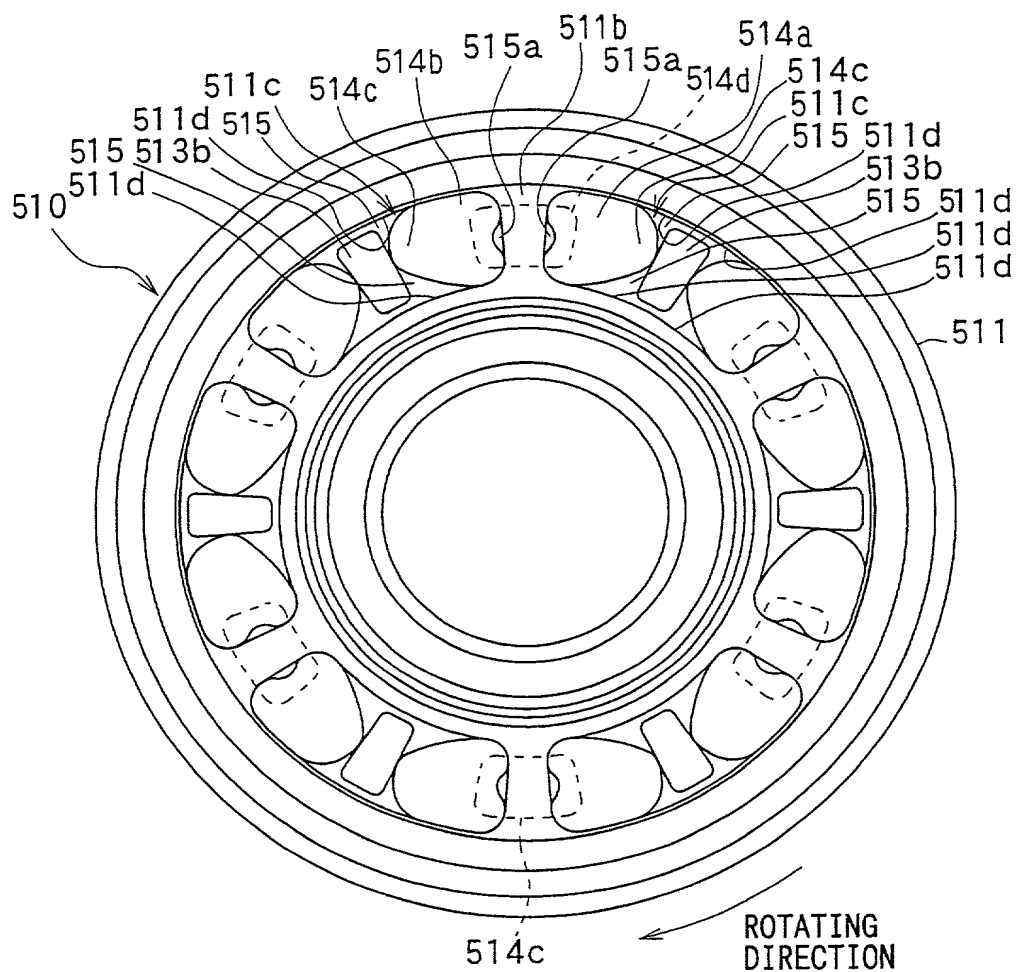


FIG. 40A

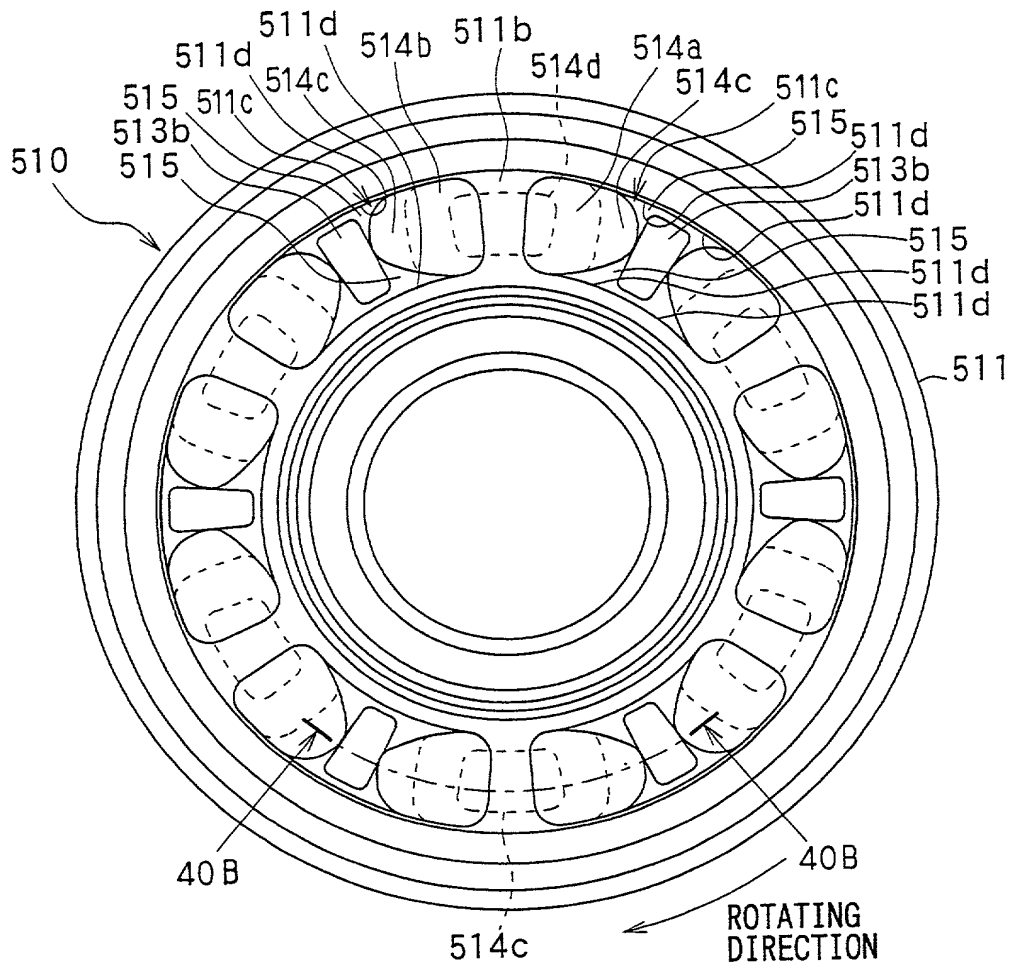


FIG. 40B

